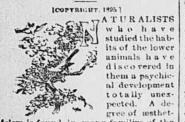
Sentiment Among Insects - Period of Courtship Among Lower Animals One of Display of Fine Clothes and

Passionate Plendings.



al development totally unex-pected. A de-

ed about the entrance of the hive, or making short and purposeless flights in the vicinity. They remind one very forcibly of the youths one sees loitering about church doors or the entrances of leism is found in many families of the animal kingdom; while ethics, con-crete, it is true, yet, nevertheless, pure and well defined, has reached a remark-ably high degree of development. I do not claim for the lower animals a conscience such as man possesses, but I do claim that some of them have acquired a psychic element which dimly fore-shadows a knowledge of the difference between good and evil in their concrete meaning. We find the evidence of this concrete ethical element in all animals which have memory, and which in a rapid and agitated manner. When the queen flies forth she is immediateare at all social in their habits. The dog in its primitive condition, before it



became domesticated, was essentially a social animal: so, also, was and is the clephant. The ant, the bee and the wasp are social animals; so, also, are some of the birds; and it is in these animals that we find evidence of conprote ethics. Concrete ethics concerns the individual weal alone of the animals in which it is to be noticed: it subserves the purpose of preserving the species, of continuing the race, and is strictly material; hence it should not be confounded with abstract ethics

not be confounded with abstract ethics or morals.
To gut it plainly, the ethics of the lower animals is simply social law. Activeticism, however, is confined to no particular family. We find evidence of it throughout the entire animal kingdom. Nature has implanted the love of beauty (ornament) in the second of the confoundation of almost every live. recentive garglia of almost every liv-ing or esture, however dimly it may be felt. It is intimately associated with sexual passion—that strongest of all animal desires—and though latent in most of the lower animals in some it is most powerfully developed. There is no truer law in the whole system of evolution than the law of selection, and this haw is based on an aesthetic emotion, the love of beauty and sexual desire. No matter how low we descend in the scale of animal life, whereever we find a mating of animals we find a development of color or of subaldiary adjuncts, such as hair, feathers -excresences whose functions are purely ornamental. These ornamental adjuncts are commonly found in the male, though in some instances (not-ably the insects) the female possesses them, instead of the male. When mating, these natural ornaments are al-

s displayed to the best advantage. On the 15th of last August, while walking in my garden, two butterflies alighted on the wall in front of me. The female remained quiet and observ-vant, gently waving her wings up and down, and keeping her antennae in continuous vibratory metion. The male circled around her, walking in a ramrant manner, with his wings out-stretched to their fullest extent. Then he approached the female, waving his wings slowly and gracefully, and walk-will form a "stamping ground," beatwings slowly and gracefully, and walk-ing fin a stately and affected style.

When he came within an inch or two of her he relaxed his probosels, creeted square. When this quere dancing hall his antennae, and quivered his wings has been fixed to suit their taste, they rastonishing rapidity. After sev. | call eral moments passed in dalliances like that they may witness the ability and these the female accepted him as her gracefulness (?) of their would be suit-



THE QUEEN EXERCISES THE EIGHT OF CHOICE.

lover. The whole scene showed determination and intelligence. The male included in and intelligence. The male evidently called attention to all his points of beauty during his courtship sad fairly hewitched the female with

his elegance. The beauty of his form MATING OF BUTTERFLIES and vestment completely overpowered her virgin coyness.

The dragon fly is another graceful wooer, and shows all his points of beauty and ornament when courting the female. He will alight near her on a twig or on the ground, and rapidly vibrate his wings; his abdomen plays up and down in unison with his wings and he often performs a short but stately march in front of the object of his affection. Like those of the but-terfly, the love scenes of dragon flies commonly occur in midair though it the scene just described on several oc

feels the first promptings of love, and before she takes her flight from the hire in search of a lover, the drones

may be seen any bright day congregat

theaters, awaiting the outcomings of their sweethearts. The drones are much handsomer than the workers;

their markings are different, their

colors are more vivid and their bodies are more graceful. I have repeatedly

noticed them on the footboards of

hives walking slowly and sedately up and down or making queer little waltz-

ing movements, vibrating their wings

ly surrounded by a bevy of drone lovers

Her choice of a lover may be the re-sult of an accident, but I do not believe

this is the case on all occasions. A queer and drone once fell at my feet, and

upon examination, I found that the queen was using her sting vigorously and effectively. The drone soon died

whereupon the queen abandoned him

whereupon the queen abandoned him and accepted another lover before she disappeared from my sight. This seems to me to indicate that the queen exercises on occasions the right of choice. Many insects give numistakable evidences that they knowingly show their points of beauty when seeking to mate. There must be

some appreciation of beauty in animals some appreciation of beauty in animals for whose benefit these exhibitions are made, otherwise they would be purpose-less displays, a condition of affairs that nature does not permit.

Birds are skillful and accomplished

wooers, and the males of all species show themselves off to the best of their

abilities when seeking to mate. Some of them are grotesque and bizurre, and perform clownish and absurd antics during courtship, while others are ex-

deavors to gain mates. The bluebird's courtship is an idyl of the spring. The male will take his place close by

the female and commence his low

ong. His soft, exigeant warble is the very embodiment of passionate love. Over and over again he sings his love song, but the demure little coquette by his side will not yield. He then takes

his place in front of her, elevating and quivering his wings in a very cestasy

of passionate pleading. He holds him-self erect and puffs out his breast feath-ers and stamps with his feet. His song

becomes bolder; his warble suddenly

A GROTESQUE LOVE DANCE

changes its character and becomes lone

and confident; he turns and calls at-tention to the beautiful blue of his

coat; to the vivid scarlet of his vest; his graceful and well-formed body. The female is overpowered by this tor

rent of eloquent plending and finally yields, accepting him as her lover.

The peafowl is clownish and bizarre

ing down and removing all the weeds

ors. The males will then enter the

arena, holding their heads far back be-

tween their trailing wings, and, spread-ing their tails to the fullest extent and

ing their tails to the fullest extent and holding their legs perfectly stiff, will jump awkwardly about the ring; or, folding their wings and tails and stretching out their necks as far as

possible, will run at full speed around the improvised ballroom; or, standing in the center of the square, they will elevate their talls, lower their heads and beat the ground with their feet.

Every now and then they will utter the most discordant shricks and yells

doubtless very pleasing to penfowl

ears, but unmistakably disagreeable to

The ruffed grouse goes through an

analogous performance, but his love dance is by no means as grotesque as that of the peafowl. One day while flashing is Harrice

fishing in Huerfanos river, New Mexico,

I heard a queer drumming and twitter

ing some little distance away. Stealing

the females about them in orde

graceful in their gentle en

There must be

when seeking to mate.

The courtship of the red-headed woodpecker is commanding and master-ful from beginning to end. It com-monly takes place among the branches of some giant oak or hickory tree, and lasts, sometimes, from early dawn until late in the afternoon. The female is not allowed to forget the presence of her persistent twoorr for one single in-stant during the entire courtship. DANIEL CLEVERION.

perened in the surrounding bushes, or atood about on the outskirts of the dancing floor. Three males were in

center of the circle executing wha

med to be waltzing movements and

naking queer drumming sounds. Before I had time to make further observ-

ations, one of my comrades came up and frightened the birds, which dis-

persed instanter.

SUGGESTIONS FOR INSOMNIA.

A "Teacher of Sicep" Tells What to Do in the Arms of Morpheus.

There has actually been found a new field for expert invasion. A person has arisen who thinks we do know how to sleep, and suggests that ome one making a specialty of this ulture should announce himself culture should announce himself "teacher of sleep," and predicts for this pioneer, be it man or woman, a large fortune. How not to sleep is ai-so explained. Anna Payson Call tells t in her book, "Power Through Re pose." Don't adopt any habitual atti-tude when you go to sieep. As you are when you drop away in the arms of Morpheus you are likely to stay for some time, and, if you tie yourself up in hard knots, before they are untied by the soothing power of slumber they will leave their impress.

Round shoulders, uneven hips, pro-truding collar-bones, to say nothing of the horrid wrinkles from squeezing the eyes shut and kuitting the face into lines and furrows, are a few of the evils which result from not knowing how to go to sleep. Even young women are to listen and take warning. for the bad work is soon done and it is hard to undo. Lie flat on the back, on a mattress which is not too soft, the head on a small pillow; the room must e cool and the clothing warm but ght. The eyes should be lightly closed and the hands left easily at the sides. Bo not draw the corners of your mouth down, which will make those ugly creases from the nose down to-ward the chin. It is easy to cultivate this sense of relaxation. Learn to im-agine yourself heavy, as if you could not help letting a ton's weight down on the mattress.

Take a lesson from the baby; he leeps in utter physical abandonment. That is why he falls out of bed, and why, as he grows older and begins to keep the tension of waking hours through slumber time, he stops falling out of bed. Watch to-night and see how you are managing it, and if you are on your arms, are crossing your knees, putting your hands above you on the pillow, crowding your toes in between the mattress and footboard. tucking your hand under your cheek curving yourself around like a pa-renthesis mark-stop all or any such practices right away and try simple. relaxed repose-Chicago Tribune.

He Did His Best.

Arizona Pete had been called upon, n the absence of all the deacons and ther qualified church officers, to pass he contribution basket.

In a seat half way down the middle aisle sat the wealthlest man in the congregation, fast asleep.

Arizona Pete stopped when near him, held the basket under his nose, and

A soft snore was the only contribu-

He touched him on the shoulder.

Another snore.

Then he shock him.

"Fuddleston." he said, "you can't make a sneak out of this game. Pungle up or 1'll throw you out of the window."

It is recorded that Mr. Fuddleston at once pungled up to the extent of five his religious career. - Chicago Tribane.

The late Lauren Kingsburg, of -The late Lauren Kingsburg, of Needham, Mass., left \$1,000 to the Congregational Home Missionary society, and \$250 each to H. L. Hastings, of Boston, and I. C. Wellcome, of Yarmoush, Mo., for use in spreading the Congre

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